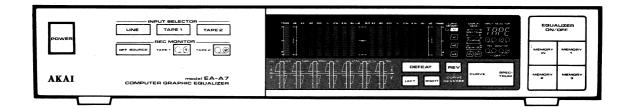
AKAI SERVICE MANUAL



COMPUTER GRAPHIC EQUALIZER

MODELEA-A7

ABBREVIATIONS FOR SERVICE MANUAL MODEL EA-A7

ABBREVIATION	EXPLANATION			
AC	Alternating Current			
BPF	Band Pass Filter			
COMP	COMParetor			
CPU	Central Processing Unit			
EQ	EQualizer			
EVR	Electronic Variable Resistor			
FLD	FLuorescent Display			
REC	RECord			
SW	SWitch			



COMPUTER GRAPHIC EQUALIZER MODEL EA-A7

THIS MANUAL IS APPLICABLE TO BOTH SILVER AND BLACK PANEL MODEL

SECTION 1	SERVICE MANUAL	3
SECTION 2	PARTS LIST	9

SAFETY INSTRUCTIONS

SAFETY CHECK AFTER SERVICING

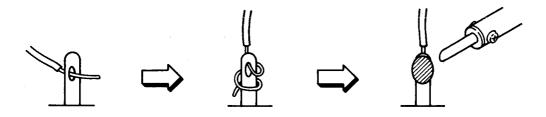
Confirm the specified insulation resistance between power cord plug prongs and externally exposed parts of the set is greater than 10 Mohms, but for equipment with external antenna terminals (tuner, receiver, etc.) and is intended for $\boxed{\mathbb{C}}$ or $\boxed{\mathbb{A}}$, specified insulation resistance should be more than 2.2 Mohms (ground terminals, microphone jacks, headphone jacks. line-in-out jacks etc.)

PRECAUTIONS DURING SERVICING

- Parts identified by the ▲ symbol parts are critical for safety.
 Replace only with parts number specified.
- 2. In addition to safety, other parts and assemblies are specified for conformance with such regulations as those applying to spurious radiation. These must also be replaced only with specified replacements.

Examples: RF converters, tuner units, antenna selector switches, RF cables, noise blocking capacitors, noise blocking filters, etc.

- 3. Use specified internal wiring. Note especially:
 - 1) Wires covered with PVC tubing
 - 2) Double insulated wires
 - 3) High voltage leads
- 4. Use specified insulating materials for hazardous live parts. Note especially:
 - 1) Insulation Tape
 - 2) PVC tubing
 - 3) Spacers (Insulating Barriers)
 - 4) Insulation sheets for transistors
 - 5) Plastic screws for fixing microswitch (especially in turntable)
- 5. When replacing AC primary side components (transformers, power cords, noise blocking capacitors, etc.), wrap ends of wires securely about the terminals before soldering.

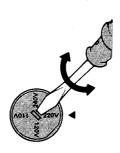


- 6. Observe that wires do not contact heat producing parts (heatsinks, oxide metal film resistors, fusible resistors, etc.).
- 7. Check that replaced wires do not contact sharp edged or pointed parts.
- 8. Also check areas surrounding repaired locations.
- 9. Use care that foreign objects (screws, solder droplets, etc.) do not remain inside the set.

VOLTAGE CONVERSION

Each machine is preset at teh factory according to its destination, but some machine can be set to 110V, 120V, 220V or 240V as required. If your machine's voltage can be converted:

Before connecting the power cord, turn the VOLTAGE SELECTOR located on the rear panel with a screwdriver until the correct voltage is indicated. Models for USA, Canada, Europe, UK and Australia are not equipped with this facility.



SECTION 1

SERVICE MANUAL

TABLE OF CONTENTS

Ī.	SPECIFICATIONS	4
Π.	DISMANTRING OF UNIT	5
III.	CONTROLS	6
IV.	PRINCIPAL PARTS LOCATION	7
V.	PC BOARD TITLES AND NUMBERS	8
For	basic adjustments, measuring methods, and operating principles, refer to GENERAL TECHNICAL	L
MAI	NUAL.	

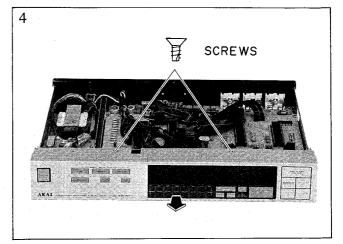
I. SPECIFICATIONS

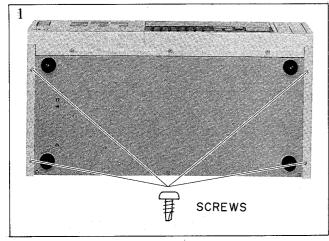
CENTER FREQUENCIES	63Hz/160Hz/400Hz/1kHz/2.5kHz/6.3kHz/16kHz
CONTROL RANGE	±10dB
INPUT SENSITIVITY/IMPEDANCE LINE IN	150mV/47k ohms
OUTPUT IMPEDANCE	500 ohms
S/N (IHF-A)	95dB
GAIN (Flat Position)	0dB
DISTORTION	0.03% (20Hz to 20kHz)
POWER REQUIREMENTS	100V, 50/60Hz for Japan
No.	120V, 60Hz for USA & Canada
	220V, 50Hz for Europe except UK
	240V, 50Hz for UK and Australia
	110V/120V/220V/240V, 50/60Hz switchable for other countries
DIMENSIONS	440 (W) × 70 (H) × 255 (D) mm
	$(17.6 \times 2.8 \times 10.2 \text{ inches})$
WEIGHT	3.3kg (7.3 lbs)

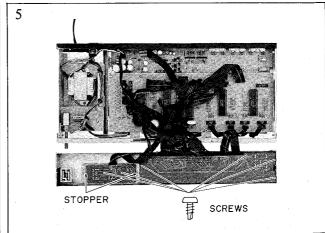
^{*} For improvement purposes, specifications and design are subject to change without notice.

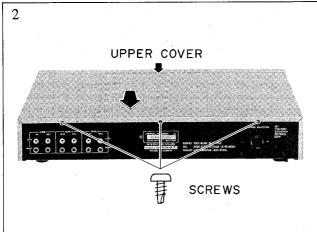
II. DISMANTLING OF UNIT

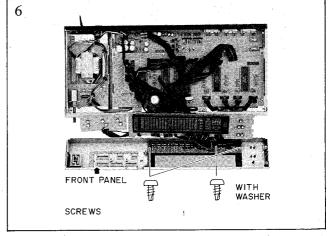
In case of trouble, etc. necessitating dismantling, please dismantle in the order shown in the photographs. Reassemble in reverse order.

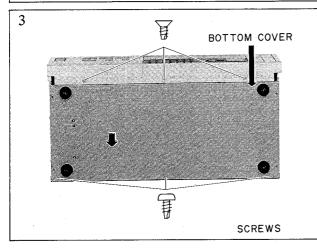


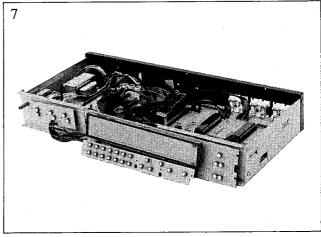












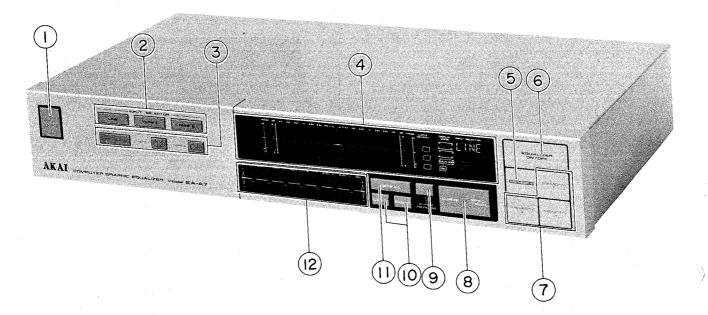
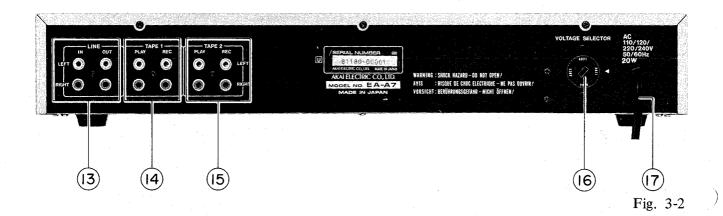


Fig. 3-1



- 1. POWER SWITCH
- 2. INPUT SELECTOR (LINE, TAPE1, TAPE2)
- 3. REC MONITOR (OFF (SOURCE), TAPE1, TAPE2)
- 4. FL DISPLAY
- 5. MEMORY IN BUTTON
- 6. EQUALIZER ON/OFF BUTTON
- 7. MEMORY (1 to 3) BUTTONS
- 8. CURVE/SPECTRUM BUTTON
- 9. CURVE REVERSE BUTTON

- 10. CHANNEL (LEFT/RIGHT) SELECTORS
- 11. DEFEAT BUTTON
- 12. FREQUENCY LEVEL CONTROL BUTTONS (+ and -)
- 13. LINE (IN/OUT) JACKS
- 14. TAPE1 (PLAY/REC) JACKS
- 15. TAPE2 (PLAY/REC) JACKS
- 16. VOLTAGE SELECTOR
- 17. POWER CORD

IV. PRINCIPAL PARTS LOCATION

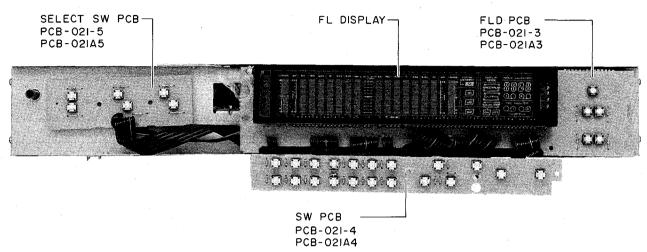


Fig. 4-1

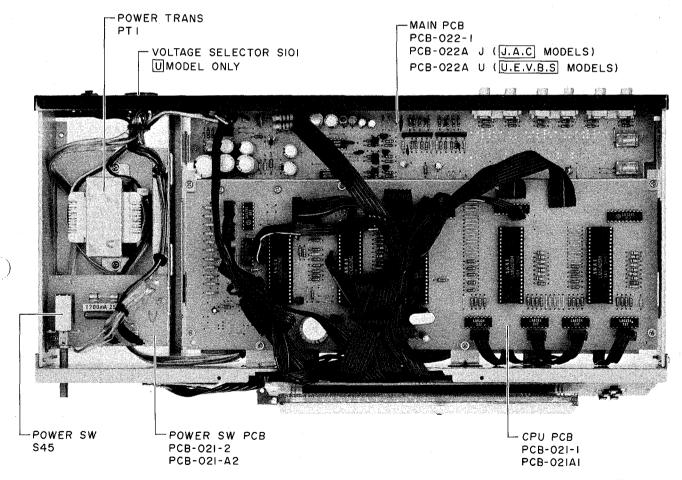


Fig. 4-2

V. PC BOARD TITLES AND NUMBERS

MODEL EA-A7 is employed two types of PC BOARDS shown in CHART -1. Confirm your PC BOARD number when you repair the set.

PC BOARD TITLE	PC BOARD NUMBER
MAIN PC BOARD	PCB-022A J J, A, C PCB-022A U U, E, V, B, S
	PCB-022-1
CPU PC BOARD	PCB-021A1
	PCB-021-1
POWER SW PC BOARD	PCB-021A2
	PCB-021-2
FLD PC BOARD	PCB-021A3
	PCB-021-3
SW PC BOARD	PCB-021A4
	PCB-021-4
SELECT SW PC BOARD	PCB-021A4
	PCB-021-4

CHART - 1

SECTION 2

PARTS LIST

TABLE OF CONTENTS

1. MAIN PC BOARD BLOCK	$\dots \dots 11$
	$\dots \dots $
INDEX	

Resistor and Capacitor which is not listed in this parts list, please refer to COMMON LIST FOR SERVICE PARTS.

ATTENTION

- 1. When placing an order for parts, be sure to list the parts no, model no., and description. There are instances in which if any of this information is omitted, parts cannot be shipped or the wrong parts will be delivered.
- 2. Please be careful not to make a mistake in the parts no. If the parts no. is in error, a part different from the one ordered may be delivered.
- 3. Because parts number and parts unit supply in the Preliminary Parts List may be partially changed, please use this parts list for all future reference.

HOW TO USE THIS PARTS LIST

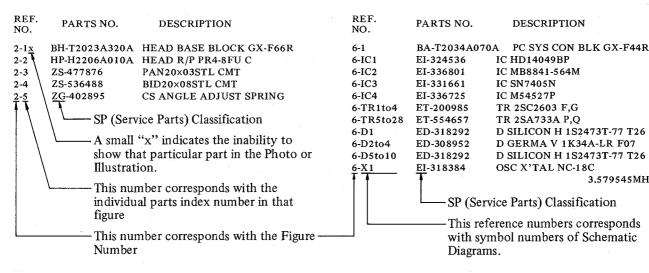
- 1. This Parts List shows the parts that are considered necessary for repairs. Other parts, such as resistors and capacitors, are shown in the "Common List for Service Parts". Select and order such parts from the "Common List for Service Parts".
- 2. The Recommended Spare Parts shows those parts in the Parts List which are considered particularly important for
- 3. Parts not shown in the Parts List and "Common List for Service Parts" will not be supplied in principle.
- 4. How to read list
 - a) Mechanism Block

b) P.C Board Block

6. SYS. CON. P.C BOARD BLOCK

3.579545MHZ

2. HEAD BASE BLOCK



5. Both the kind of part and installation position can be determined by the Parts Number. To determine where a parts number is listed, utilize Parts Index at end of Parts List. It is necessary first of all to find the Parts Number. This can be accomplished by using the Reference Number listed at right of parts number in the Parts Index.

WARNING

△ INDICATES SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURE'S RECOMMENDED PARTS

AVERTISSEMENT

△ IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ. POUR MAINTENIR LE DEGRÉ DE SECURITE DE L'APPAREIL, NE REMPLACER QUE DES PIECES RECOMMANDEES PAR LE **FABRICANT**

RECOMMENDED SPARE PARTS

Because, if the parts listed below are on hand, almost any repair can be accomplished, we suggest that you stock these Recommended Spare Parts Items.

REF NO.		PARTS NO.	DESCRIPTION
		D	⚠ TRANS POWER CS4-9529 (J)
1		BT-780170	A TRANS POWER C54-9329 (J)
2		BT-780171	TRANS POWER CS4-9530 (C,A)
3		BT-780172	TRANS POWER CS4-9599 (E,V)
4		BT-780173	↑ TRANS POWER CS4-9600 (B,S)
5		BT-780174	⚠ TRANS POWER CS4-9601 (U)
6		EI -780148	OSC CE KBR400B
7		ED-712568	D SILICON H DSF10B
8		ED-344280	D SILICON H GMA-01-FY2 F05
9		ED-780157	D ZENER GZA 51X
10		ED-780154	D ZENER GZA 6.2Z
11		ED-780155	D ZENER GZA 6.8X
12		ED-712928	D ZENER GZA5.6 X
13		ED-780156	D ZENER GZA9.1Y
14		ED-708061	D ZENER H GZA16 Z
15	N		↑ FUSE EAWK T 250V 0.16A
13	1.4	L1-322713	(U,E,V,B,S)
16	N	EF-300588	⚠ FUSE EAWK T 250V 0.20A (J)
17	N		⚠ FUSE EAWK T 250V 0.25A
1 /	IN	EF-300300	(U,E,V,B,S)
10		EF-780159	↑ FUSE TIME 250V 0.063A
18		EF-/00139	(U,E,V,B,S)
		TT 405 405	⚠ FUSE ULCS-61M A 250V 0.20A (C,A)
19		EF-487427	-
20		EI-780147	IC LA6324
21		EI-336761	IC LA6458S
22		EI-349874	IC LB1245
23		EI-345765	IC LB1292
24		EI-343417	IC LB1294
25		EI-349871	IC LC6502C-658
26		EI-349870	IC LC6505C-650
27		EI-349873	IC LM6405H-360
28		EI-349872	IC LM6405H-361
29		EI-780152	IC MC14016B
30		EI-712581	IC TC9170P
31		EI-780150	OSC CE CSA1.000MK
32		EI-780149	OSC CE KBR800H
33		EM-349875	IND FL BG-205ZK
34		EQ-712575	RELAY POWER G5A237P
35		ES-348998	↑ SW PUSH SDL1P 01-1
36		ES-780175	M SW SELECTOR HXW-0103-01-430
00			(U) (S101)
37		ES-336780	SW TACT KHH10902
38		ET-322598	TR 2SB632K E,F
39		ET-223446	TR 2SC1571NP G,H
40		ET-403413	TR 2SC536NP H
41		ET-780153	TR 2SD1153
42		ET-321596	TR 2SD600KF
43		ET-350948	TR 2SD612K F
43		151-530740	TY MOINGING
		"NOTE" N:	New Parts
SY	M	BOL FOR DE	ESTINATION
51		: AAL (U.S.A.	
		TTTZ (T) . 1 1	

- B: UK (England)
- C: CSA (Canada)
- E: CEE (Europe)
- J: JPN (Japan)
- S: SAA (Australia)
- U: U/T (Universal Area)
- V: VDE (West Germany)

1. MAIN PC BOARD BLOCK

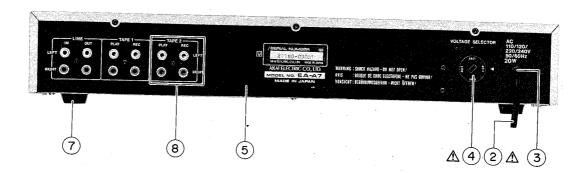
REF. NO.	PARTS NO.	DESCRIPTION
1-1U 1-1 J	BA-780193 BA-780192	PC MAIN BLK EA-A7 (U,E,V,B,S) PC MAIN BLK EA-A7 (J,C,A)
	MAIN PC BOA	RD
1-IC101		XC 34C4 40.4 (T)
to 103	EI-780152	IC MC14016B
1-IC104	EI-336761	IC LA6458S
1-IC106 to 112	EI-712581	IC TC9170P
1-IC113 to 118	EI-336761	IC LA6458S
1-IC201		
to 203	EI-780152	IC MC14016B
1-IC204	EI-336761	IC LA6458S
1-IC214		70.7.4.4400
to 218	EI-336761	IC LA6458S
1-Q104		TD ACCURATION O II
to 110	ET-223446	TR 2SC1571NP G,H
1-Q111,		TD ACD (10 V E
112	ET-350948	TR 2SD612K F
1-Q113	ET-322598	TR 2SB632K E,F
1-Q114	ET-321596	TR 2SD600K F
1-Q115	ET-780153	TR 2SD1153
1-Q204	EE 000446	TD ACCIETND C. H
to 210	ET-223446	TR 2SC157NP G,H
1-D101	ED 244080	D SILICON H GMA-01-FY2 F05
to 110	ED-344280 ED-780154	↑ D ZENER GZA 6.2Z
1-D111 1-D112	ED-780134 ED-712928	D ZENER GZA5.6 X
1-D112	ED-/12926	D BEITER OBJECT
to 117	ED-712568	D SILICON H DSF10B
1-D120	ED-712568	D SILICON H DSF10B
1-D121,		
122	ED-708061	⚠ D ZENER H GZA16 Z
1-D123		
to 126	ED-712568	D SILICON H DSF10B
1-D127	ED-780157	⚠ D ZENER GZA 51X
1-D128,		D ON YOOM II DOEAOD
129	ED-712568	D SILICON H DSF10B D ZENER GZA 6.8X
1-D130		D ZENER GZA 6.6A
1-D140, 141	ED-780156	D ZENER GZA9.1Y
1-D201	LD 700100	
to 210	ED-344280	D SILICON H GMA-01-FY2 F05
1-RL1,2		RELAY POWER G5A237P
1-R191		
192	ER-304175	⚠ R OMF H FS 2W 151J
1-R193	,	
194	ER-306879	R CB H S15 FS RDS 1/2W 221J
1-R197		A D CD H C15 EC DDC 1/2W 691 I
198	ER-306127	⚠ R CB H S15 FS RDS 1/2W 681J ⚠ R OMF H FS 2W 242J
1-R199		⚠ R OMF H FS 2W 2423 ⚠ R OMF H FS 1W 181J
1-R291		ZZ ROMPH 13 1W 1013
1-R295	, ER-306879	R CB H S15 FS RDS 1/2W 221J
296 1-C195		K 0D 11 D10 12 112 2 1/2 W == W
196	EC-700458	C CE 472J 500V
1-F101		
102	EF-322975	⚠ FUSE EAWK T 250V 0.16A (U,E,V,B,S)
1-F103	,	
104	EF-300586	⚠ FUSE EAWK T 250V 0.25A
		(U,E,V,B,S)
1-F105		A DUCE THE ASSU COCCA
106	EF-780159	⚠ FUSE TIME 250V 0.063A (U,E,V,B,S)
1.0	EJ-709341	PIN J AJC-035-AAB 4P (TAPE 1,
1-2	EJ-707341	TAPE 2, AUX)

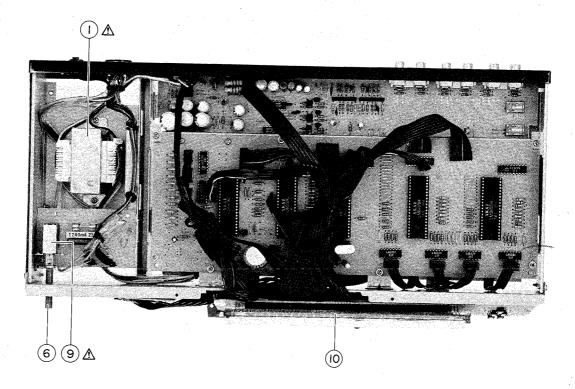
2. MICOM PC BOARD BLOCK

2. 1110	01.1 1 0 2 0	
REF.	PARTS NO.	DESCRIPTION
NO.		
2-1 U	BA-780195	PC MICOM BLK EA-A7 (U)
2-1J	BA-780194	PC MICOM BLK EA-A7 (J)
2-1C	BA-713034	PC MICOM BLK EA-A7 (C,A)
2-1E	BA-780196	PC MICOM BLK EA-A7 (E,V,B,S)
	CPU PC BOARD	
2-IC301,	TIV	IO I D1004
302	EI-343417	IC LB1294
2-IC303	EI-349870	IC LC6505C-650 IC LC6502C-658
2-IC304	EI-349871 EI-349873	IC LM6405H-360
2-IC305 2-IC306,	E1-3490/3	IC EM1040311-300
307	EI-349872	IC LM6405H-361
2-IC308	21 3 1 7 0 1 2	
to 311	EI-780147	IC LA6324
2-IC312	EI-345765	IC LB1292
2-IC313		
to 316	EI-349874	IC LB1245
2-Q302,		
303	ET-403413	TR 2SC536NP H
2-D301,		
302	ED-344280	D SILICON H GMA-01-FY2 F05
2-D310	ED-344280	D SILICON H GMA-01-FY2 F05
2-D332	ED-344280	D SILICON H GMA-01-FY2 F05
2-D333	ED-344280	△ D SILICON H GMA-01-FY2 F05
2-D334	ED-344280	D SILICON H GMA-01-FY2 F05
2-D335	ED-344280	A D SILICON H GMA-01-FY2 F05
2-D336	ED-712568	D SILICON H DSF10B OSC CE KBR400B
2-X1 *2-X2	EI-780148 EI-780149	OSC CE KBR400B OSC CE KBR800H (OLD)
*2-X2	EI-780149 EI-780150	OSC CE CSA1.000MK (NEW)
2-C317	EC-713033	C DOUBLE LAYER 474Z 5.5VDC
2 0317	20 /10000	
Y	POWER SW PC I	BOARD
2-S45	ES-348998	⚠ SW PUSH SDL1P 01-1 (POWER
		SW)
2-F107	EF-322975	⚠ FUSE EAWK T 250V 0.16A (U)
2-F107	EF-300588	A FUSE EAWK T 250V 0.20A (J)
2-F107	EF-487427	↑ FUSE ULCS-61M A 250V 0.20A (C,A)
2 (226)	EC-780151	△ C MY V ECQUH 103M 125AC
2-03203	LC-760131	(J,A,C)
2-C326U	EC-330308	⚠ C MMY V ECQUF 103M 250AC
		(U,E,V,B,S)
_	FLD PC BOARI	
2-D313	ED-344280	D SILICON H GMA-01-FY2 F05
2-D315	ED 244200	D SILICON H GMA-01-FY2 F05
	ED-344280 ES-336780	SW TACT KHH10902
2-S14 2-S24	ES-336780	SW TACT KHH10902
2-S24 2-S26	113-330700	Swither Millioyoz
	ES-336780	SW TACT KHH10902
	EM-349875	IND FL BG-205ZK
	SW PC BOARD	
2-D303	ED-344280	D SILICON H GMA-01-FY2 F05
2-D311,	•	
312	ED-344280	D SILICON H GMA-01-FY2 F05
2-D314	ED-344280	D SILICON H GMA-01-FY2 F05
2-D318	77	D GYLLGON IX GLEL AL TWA FAR
	ED-344280	D SILICON H GMA-01-FY2 F05
2-S15	ES-336780	SW TACT KHH10902
	ES-336780 ES-336780	SW TACT KHH10902 SW TACT KHH10902
2-S25 2-S29	ES-336780	DW IACI KIIIIU702
	ES-336780	SW TACT KHH10902
·		
	SELECT SW PC	BOARD
2-D304		
to 309	ED-344280	D SILICON H GMA-01-FY2 F05
2-S16	70	CIVI TIA CTI TITTI ACCO
to 21	ES-336780	SW TACT KHH10902

"NOTE 2-X2: Due to the change, J model after SERIAL No 90410-03301 are employed new parts. And also OTHERS models after SERIAL No 90580-00101 are employed new parts.

ASSEMBLY BLOCK

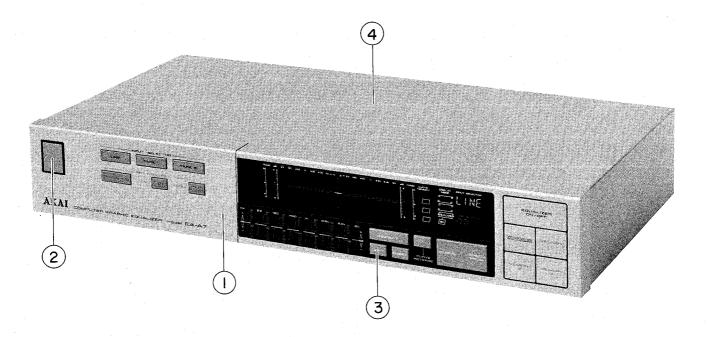




3. ASSEMBLY BLOCK

REF. NO.	PARTS NO.	DESCRIPTION	REF. NO.	PARTS NO.	DESCRIPTION
3-1U 3-1J	BT-780174 BT-780170	⚠ TRANS POWER CS4-9601 (U) (U) ⚠ TRANS POWER CS4-9529 (J) (J)	3-2B	EW-313884	△ AC CORD 2 CORES GTBS-2F
3-1C 3-1E	BT-780171	△ TRANS POWER CS4-9530 (C,A)	3-2BB	EW-780177	Δ AC CORD 2 CORES GTBS-2F
3-1E 3-1B	BT-780172 BT-780173	△ TRANS POWER CS4-9599 (E,V)	3-2S	EW-336924	BLACK (B) (BL) △ AC CORD 2 CORES KP-560,
3-1B	EW-780173	↑ TRANS POWER CS4-9600 (B,S) (B,S)	3-2SB	EW-780178	LTSA-2F S (S) (S,P) AC CORD 2 CORES KP-560
3-2UB	EW-306428	ACCORD 2 CORES KP-700 GRAY VFF U/T (U) (S,P)	3-3U 3-3E	EZ-631945 EJ-692908	BLACK (S) (BL) STRAIN RELIEF SR-4N-4 (U,J,C,A) STRAIN RELIEF SR-5N-4 (E,V,B,S)
3-2J	EW-306427	△ AC CORD 2 CORES KP-700A, (U) (BL) △ AC CORD 2 CORES KP-211,	3-4	ES-780175	△ SW SELECTOR HXW-0103-01-430 (U) (S101)
3-2JB	EW-351961	VFF J (J) (S) AC CORD 2 CORES KP-211 VFF	3-5U 3-5J 3-5C	SP-780161 SP-780160 SP-780163	PANEL REAR EA-A7 (U) (U) PANEL REAR EA-A7 (I) (I)
3-2C	EW-780179	△ AC CORD 2 CORES KP-10	3-5E 3-5B	SP-780163 SP-780162 SP-780164	PANEL REAR EA-A7 (C,A) (C,A) PANEL REAR EA-A7 (E,V) (E,V) PANEL REAR EA-A7 (B,S) (B,S)
3-2CB	EW-348215	BROWN (C,A) (S,P) AC CORD 2 CORES KP10,SPT1	3-6 3-7	MZ-780167 SA-710514	JOINT POWER RUBBER FOOT EA-M7
3-2E	EW-336923	105CCB UC (C,A) (BL) △ AC CORD 2 CORES KP-419C,	3-8	EJ-709341	PIN J AJC-035-AAB 4P
3-2EB	EW-338516	LTCE-2F EV (E,V) (S,P) AC CORD KP-419C,LTCE-2F E (E,V) (BL)	3-9 3-10	MICOM PC BO ES-348998 EM-349875	ARD BLOCK

FINAL ASSEMBLY BLOCK



4. FINAL ASSEMBLY BLOCK

REF. NO.	PARTS NO.	DESCRIPTION
4-1S	BD-780180	PANEL FRONT-S PART
4-1 P	BD-780181	PANEL FRONT-P PART (EXCEPT J)
4-1B	BD-780182	PANEL FRONT-B PART
4-2S	SK-343017C	KNOB POWER (2)
4-2P	SK-343017B	KNOB POWER-P (EXCEPT J)
4-2B	SK-343017F	KNOB POWER-B
4-3S	SK-780186	KNOB RUBBER-S
4-3P	SK-780187	KNOB RUBBER-P (EXCEPT J)
4-3B	SK-780188	KNOB RUBBER-B
4-4S	SP-780189	COVER UPPER-S
4-4P	SP-780190	COVER UPPER-P (EXCEPT J)
4-4B	SP-780191	COVER UPPER-B

SYMBOL FOR COLOR VARIATION

S: SILVER

P: PEARL SHADOW

B or BL: BLACK

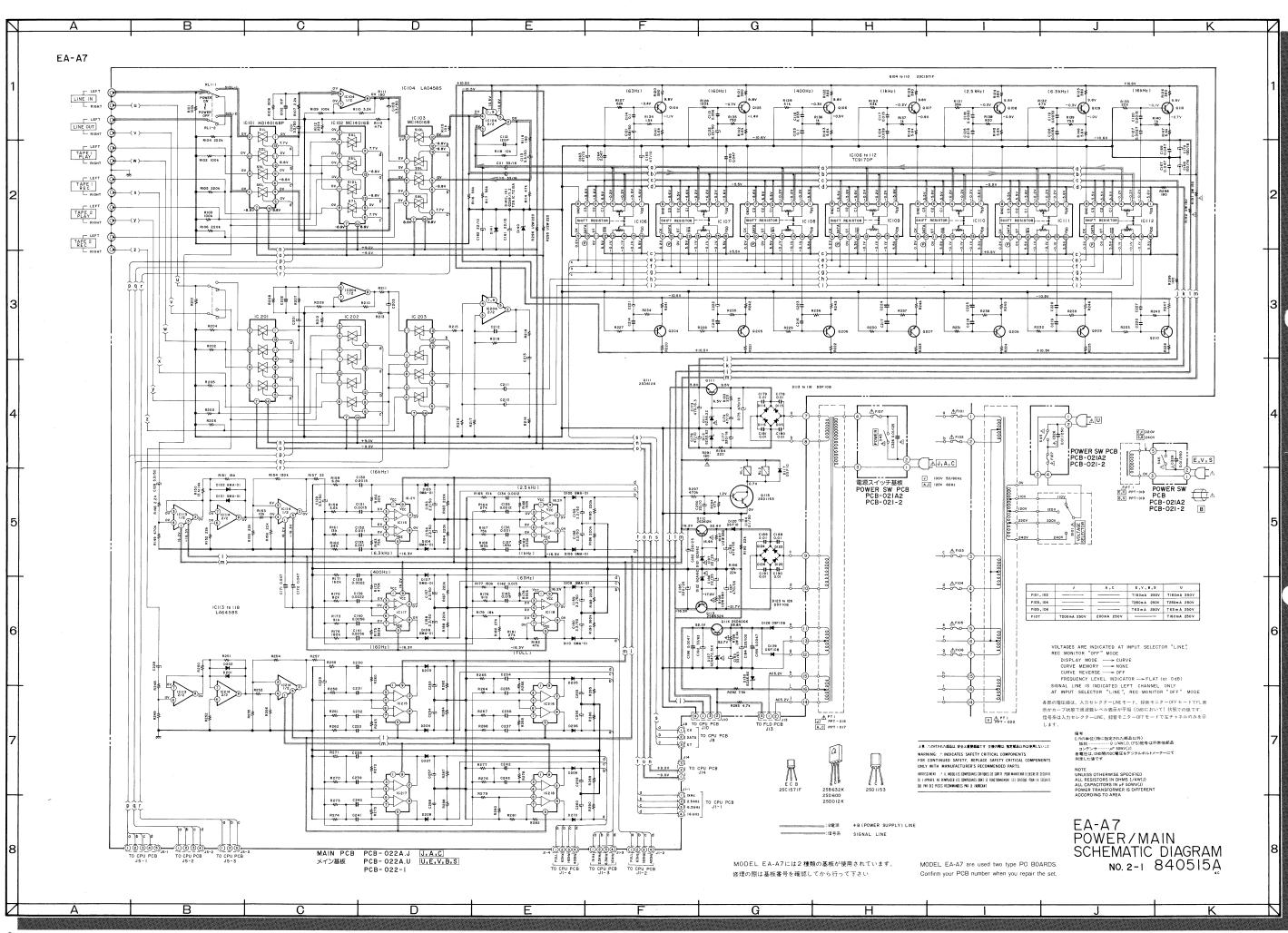
INDEX

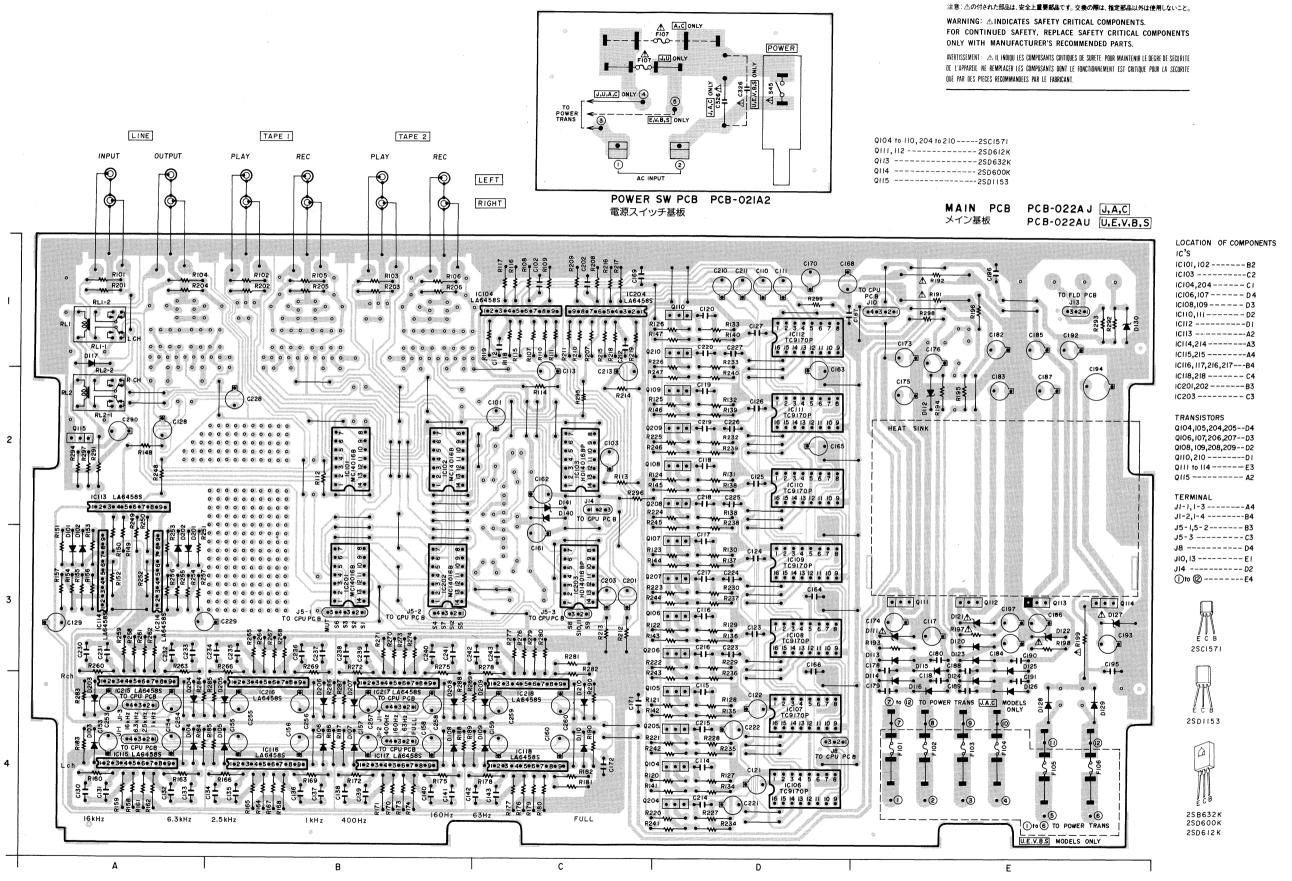
		D. D. D. D. C. C. C.	nnn	n. n	DEE NO	DARTENS	DEE NO	DA DEC NO	DEE NO
PARTS NO.	REF. NO.	PARTS NO.	REF. NO.	PARTS NO.	REF. NO.	PARTS NO.	REF. NO.	PARTS NO.	REF. NO.
BA-713034 BA-780192 BA-780193 BA-780194 BA-780195 BA-780196 BD-780180 BD-780181 BD-780182 BT-780170	2-1C 1-1J 1-1U 2-1J 2-1U 2-1E 4-1S 4-1P 4-1B 3-1J	ED-712568 ED-712568 ED-712568 ED-712568 ED-712568 ED-712568 ED-712568 ED-712568 ED-712568	1-D124 1-D116 1-D123 1-D117 1-D115 1-D120 1-D126 1-D114 1-D113 2-D336	ER-306879 ER-306879 ER-306879 ER-306879 ER-308503 ER-780158 ES-336780 ES-336780 ES-336780	1-R194 1-R296 1-R193 1-R295 1-R291 1-R199 2-S44 2-S43 2-S39 2-S42	SK-780187 SK-780188 SP-780160 SP-780161 SP-780162 SP-780163 SP-780164 SP-780189 SP-780190 SP-780190	4-3P 4-3B 3-5J 3-5U 3-5E 3-5C 3-5B 4-4S 4-4P 4-4B		
BT-780171 BT-780172 BT-780173 BT-780174 EC-330308 EC-700458 EC-713033 EI-780148 EC-780151	3-1C 3-1E 3-1B 3-1U 2-C326U 1-C196 1-C195 2-C317 2-X1 2-C326J	ED-712928 ED-780154 ED-780155 ED-780156 ED-780157 EF-300586 EF-300588 EF-30588 EF-322975	1-D112 1-D111 1-D130 1-D140 1-D141 1-D127 1-F104 1-F103 2-F107 1-F102	ES-336780 ES-336780 ES-336780 ES-336780 ES-336780 ES-336780 ES-336780 ES-336780 ES-336780	2-S36 2-S20 2-S25 2-S37 2-S26 2-S17 2-S15 2-S32 2-S28 2-S24				
ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280	1-D204 1-D104 1-D109 1-D108 1-D106 1-D101 1-D103 1-D210 1-D209 1-D205	EF-322975 EF-322975 EF-487427 EF-780159 EF-780159 EI-336761 EI-336761 EI-336761 EI-336761	1-F101 2-F107 2-F107 1-F106 1-F105 1-IC116 1-IC117 1-IC118 1-IC215 1-IC114	ES-336780 ES-336780 ES-336780 ES-336780 ES-36780 ES-336780 ES-336780 ES-336780 ES-336780	2-S18 2-S27 2-S38 2-S41 2-S31 2-S19 2-S40 2-S21 2-S33 2-S35				
ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280	1-D206 1-D110 1-D107 1-D105 1-D203 1-D102 1-D202 1-D207 1-D208 1-D201	EI-336761 EI-336761 EI-336761 EI-336761 EI-336761 EI-336761 EI-336761 EI-343417	1-IC216 1-IC214 1-IC217 1-IC113 1-IC204 1-IC115 1-IC104 1-IC218 2-IC302 2-IC301	ES-336780 ES-336780 ES-336780 ES-336780 ES-336780 ES-336780 ES-348998 ES-348998 ES-780175	2-S30 2-S22 2-S16 2-S29 2-S23 2-S14 2-S34 2-S45 3-9 3-4				
ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280	2-D309 2-D333 2-D310 2-D332 2-D335 2-D334 2-D316 2-D317 2-D313 2-D311	EI-345765 EI-349870 EI-349871 EI-349872 EI-349872 EI-349873 EI-349874 EI-349874 EI-349874	2-IC312 2-IC303 2-IC304 2-IC306 2-IC307 2-IC305 2-IC313 2-IC314 2-IC316 2-IC315	ET-223446 ET-223446 ET-223446 ET-223446 ET-223446 ET-223446 ET-223446 ET-223446 ET-223446	1-Q204 1-Q104 1-Q108 1-Q105 1-Q210 1-Q205 1-Q209 1-Q207 1-Q206 1-Q109				
ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280	2-D324 2-D308 2-D305 2-D320 2-D312 2-D302 2-D329 2-D319 2-D328 2-D323	EI-712581 EI-712581 EI-712581 EI-712581 EI-712581 EI-712581 EI-712581 EI-780147 EI-780147	1-IC111 1-IC112 1-IC109 1-IC110 1-IC108 1-IC107 1-IC106 2-IC311 2-IC309 2-IC310	ET-223446 ET-223446 ET-223446 ET-223446 ET-321596 ET-322598 ET-350948 ET-403413 ET-403413	1-Q107 1-Q106 1-Q208 1-Q110 1-Q114 1-Q113 1-Q112 1-Q111 2-Q302 2-Q303				
ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280 ED-344280	2-D322 2-D306 2-D321 2-D327 2-D326 2-D325 2-D330 2-D301 2-D304 2-D307	E1-780147 EI-780149 EI-780150 EI-780152 EI-780152 EI-780152 EI-780152 EI-780152 EI-780152	2-IC308 2-X2 2-X2 1-IC101 1-IC103 1-IC102 1-IC203 1-IC201 1-IC202 3-3E	ET-780153 EW-306427 EW-306428 EW-313884 EW-336923 EW-338516 EW-348215 EW-351961 EW-780176	1-Q115 3-2J 3-2UB 3-2E 3-2E 3-2EB 3-2CB 3-2JB 3-2U				
ED-344280 ED-344280 ED-344280 ED-344280 ED-708061 ED-708061 ED-712568 ED-712568 ED-712568	2-D331 2-D315 2-D318 2-D314 2-D303 1-D122 1-D121 1-D125 1-D129 1-D128	EJ-709341 EJ-709341 EM-349875 EM-349875 EQ-712575 EQ-712575 ER-304175 ER-304175 ER-306127 ER-306127	1-2 3-8 2-IND1 3-10 1-RL2 1-RL1 1-R191 1-R192 1-R197 1-R198	EW-780177 EW-780178 EW-780179 EZ-631945 MZ-780167 SA-710514 SK-343017C SK-343017B SK-343017F SK-780186	3-2BB 3-2SB 3-2C 3-3U 3-6 3-7 4-2S 4-2P 4-2B 4-3S				

AKAI

MODELEA-A7

PC BOARD SCHEMATIC DIAGRAM





MODEL EA-A7には2種類の基板が使用されています。 修理の際は基板番号を確認してから行って下さい。 MODEL EA-A7 are used two type PC BOARDS. Confirm your PCB number when you repair the set.

